

10/509520

DT04 Rec'd PCT/PTO 28 SEP 2004

VIA Express Mail EL629609783US  
PATENT  
90606.23

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re. application of :  Kazuya TAKEDA et al.  Serial No.: Unknown  Filed: Concurrently herewith  For: METHOD FOR DETECTING TARGET SOUND, METHOD FOR DETECTING DELAY TIME IN SIGNAL INPUT, AND SOUND SIGNAL PROCESSOR	International Application No.: PCT/JP2004/003524  International Filing Date: March 17, 2004
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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit an Information Disclosure Statement (Form PTO-1449). The prior art references were cited in the International Search Report for PCT application No. PCT/JP2004/003524. For the convenience of the Examiner, Applicants provide herewith a copy of the International Search Report, an English translation of the second and third pages of the International Search Report, a copy of the Written Opinion, and an English translation of the third and fourth pages of the Written Opinion.

10/509520

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International Application No.: PCT/JP2004/003524  
U.S. Patent Application No.: Unknown  
September 27, 2004  
Page 2 of 2

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicants respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,



Attorneys for Applicant(s)

Date: September 27, 2004

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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	1	of	2
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**Complete if Known**

Application Number

Filing Date

**First Named Inventor**

**Kazuya TAKEDA**

### Art Unit

**Examiner Name**

Attorney Docket Number

**90606.23**

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

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